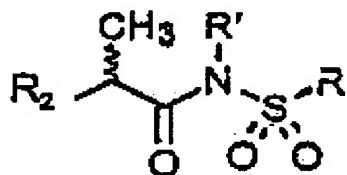


CLAIMS

1. Use of N-(2-aryl-propionyl)-sulfonamides of general formula (I):



(I)

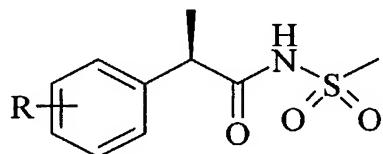
5 in which

R_2 is an aryl group,

R is a straight or branched C_1-C_6 -alkyl, trifluoromethyl, cyclohexyl, o-tolyl, 3-pyridyl, 2-pyridyl-ethyl, p-cyano-phenylmethyl, p-aminophenylmethyl, 3-cyano-1-propyl, 4-aminobutyl group, an alkoxyethylene $CH_3-(CH_2)_{n_i}-$ 10 $(OCH_2CH_2)_{m_i}-$ group in which n_i is zero or 1 and m_i is an integer 1 to 3, or a $P_1P_2N-CH_2-CH_2-$ group in which P_1 and P_2 are independently H, C_1-C_3 - alkyl, benzyloxy-carbonyl, α -, β - or α -pyridocarbonyl, carboxycarbonyl or carbalkoxycarbonyl, or P_1 and P_2 , when joined to the N atom which they are linked to, form a phthalimido, piperidino, morpholino residue;

15 R' is H or straight or branched C_1-C_3 -alkyl, preferably hydrogen, for the preparation of a medicament for the treatment of spinal cord injury.

2. Use according to claim 1 of the compounds of formula (Ia)



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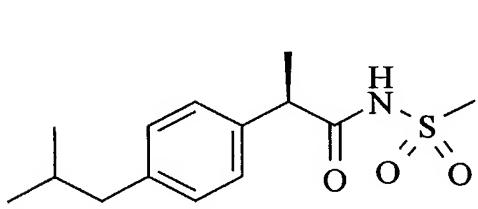
(Ia)

wherein R represents one to three substituents, which are the same or different, selected from hydrogen, halogen atoms, C_1-C_4 -alkyl, C_1-C_4 -alkoxy,

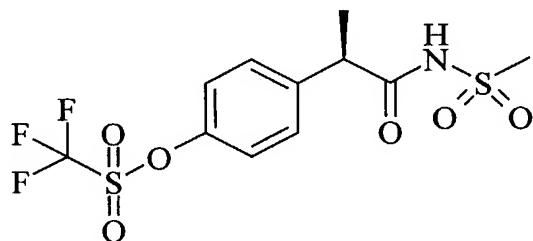
hydroxy, C₁-C₇-acyloxy, cyano, nitro, amino, C₁-C₃-acylamino, halo C₁-C₃-alkyl, halo C₁-C₃-alkoxy, benzoyl, 4-(2-methyl-propyl)-phenyl, 3-phenoxy-phenyl, 2-[4-(1-oxo-2-isoindolinyl)phenyl], 5-benzoyl-thien-2-yl, 4-thienoyl-phenyl, C₁-C₂-halogenoalkylsulphonyloxy.

5 3. Use according to claim 2 wherein R represents hydrogen, 4-isobutyl, 3-benzoyl, 4-trifluoromethanesulphonyloxy.

4. Use according to claim 2 of the compounds of formula (II) and (III).



(II)



(III)